

<b>Project Name/Location:</b>				<b>Contract Number:</b> W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
<b>Date:</b> 07/24/2005				Jessica Beach contacted at 8:40.			
<b>Dredging</b> <b>Load Number</b> 556 <b>Tidal Stage</b> Ebb <b>Dredge State:</b> Overflow through skimmers only <b>Weather:</b> Overcast <b>Wind:</b> 0-5 kts <b>Seas:</b> 0-1' <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	19.2	5:54:08	7343124.37	938728.10	3.7	
	DR-2	18.8	5:55:33	7342589.01	938555.93	7.3	10.3
	DR-2R1	19.0	5:55:48	7342533.92	938552.16	15.9	8.9
	DR-4	20.1	5:57:31	7341881.98	938622.16	25.6	
	DR-4R1	20.5	5:57:37	7341869.33	938622.70	18.7	
	DR-3	20.5	6:01:46	7343616.28	938871.70	4.8	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 taken out of the plume, on port side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
Date: 07/24/2005				Jessica Beach contacted at 10:55.			
<b>Dredging</b> <u>Load Number</u> 557 <u>Tidal Stage</u> Ebb <u>Dredge State:</u> Overflow through skimmers only <u>Weather:</u> Clear <u>Wind:</u> 0-5 kts <u>Seas:</u> 0-1' <u>Disposal location</u> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.0	10:32:44	7346375.42	938372.76	20.5	
	DR-2	19.7	10:35:18	7345922.31	938549.91	31.7	8.7
	DR-2R1	19.7	10:35:23	7345913.87	938550.26	27.0	8.6
	DR-4	18.7	10:36:48	7345306.68	938478.36	36.8	
	DR-4R1	18.0	10:36:54	7345276.65	938467.45	35.4	
	DR-3	17.9	10:39:03	7346774.57	938319.56	19.1	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 taken out of the plume, on starboard side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
Date: 07/24/2005				Jessica Beach contacted at 14:21.			
<b>Dredging</b> <b>Load Number</b> 558 <b>Tidal Stage</b> Flood <b>Dredge State:</b> Overflow through skimmers only <b>Weather:</b> Clear <b>Wind:</b> 5-10 kts <b>Seas:</b> 0' - 1' <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.8	14:00:44	7345225.17	938217.01	17.2	
	DR-2	21.6	14:03:04	7345020.32	938313.20	40.6	8.7
	DR-2R1	21.4	14:03:07	7345028.03	938315.80	36.3	8.8
	DR-4	20.1	14:08:18	7345956.64	938504.08	34.7	
	DR-4R1	20.1	14:08:22	7345956.72	938504.12	36.0	
	DR-3	20.3	14:10:04	7347149.80	938401.19	38.3	
	DR-3R1	19.5	14:10:12	7347149.88	938401.22	18.8	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 exceeded 5 NTU over background, taken out of the plume, on starboard side.				Re-test DR-3R1 was taken.			
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel</b>							
Date: 07/24/2005				Jessica Beach contacted at 18:52.			
<b>Dredging</b> <b>Load Number</b> 559 <b>Tidal Stage</b> Ebb <b>Dredge State:</b> No Overflow  <b>Weather:</b> Clear <b>Wind:</b> 5-10 kts <b>Seas:</b> 0' -1'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	19.9	18:30:33	7337705.63	938775.92	4.6	
	DR-2	18.2	18:32:26	7337394.11	939088.42	39.5	10.6
	DR-2R1	19.2	18:32:32	7337394.11	939088.42	39.4	9.7
	DR-4	19.7	18:34:01	7337031.80	939261.07	8.0	
	DR-3	19.1	18:36:29	7338270.52	938591.80	8.6	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 taken out of the plume.							
DR-3 taken out of the plume, on starboard side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						